

Converting Colors

Hex(B1B3DE)

Have a look what the booklet for
Hex(B1B3DE) contains.

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Color

Hex(B1B3DE)

Conversions

Conversions Part 1

Format	Color
Hex	B1B3DE
RGB	177, 179, 222
RGB Percent	69%, 70%, 87%
CMY	0.3059, 0.2980, 0.1294
CMYK	0.20, 0.19, 0.00, 0.13
HSL	237°, 41%, 78%
HSV	237°, 20%, 87%
XYZ	47.4364, 46.8612, 75.6522
YIQ	183.3040, -14.9950, 12.9490

Conversions

Conversions Part 2

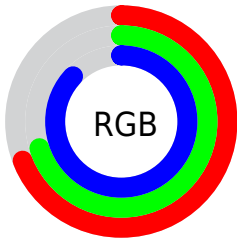
Format	Color
RYB	177, 179, 222
Decimal	11645918
CIELab	74.10, 8.24, -21.79
CIELCh	74, 23.300, 290.715
Yxy	46.8612, 0.2791, 0.2757
Android (android.graphics.Color)	4289835998 (0xFFB1B3DE)
YUV	183.3040, 19.0771, -5.5286
Hunter-Lab	68.4553, 3.8956, -17.6047

Details

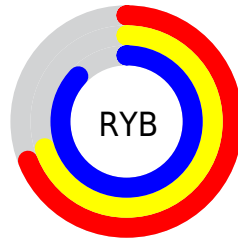
The Hex color **B1B3DE** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **DEDCB1**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **E9EBFF**, and **7C7EA7** is the 20% darker color. If you saturate the color by 10%, you get **9B9EDE**, and if you desaturate by 10%, it is **C7C8DE**.

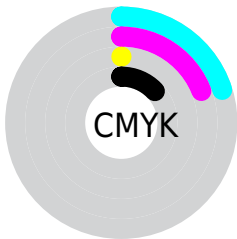
Distribution



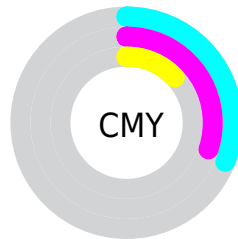
- Red (69%)
- Green (70%)
- Blue (87%)



- Red (69%)
- Yellow (70%)
- Blue (87%)



- Cyan (20%)
- Magenta (19%)
- Yellow (0%)
- Black (13%)



- Cyan (31%)
- Magenta (30%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1B3DE changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color B1B3DE by changing the saturation by 10% instead.

 B1B3DE

 B1B3DE

FFFFFF

 9698C2

 E9EBFF

 7C7EA7

 62658C

 4A4E73

 32375A

 1B2242

 040B2C

 000117

 000000

 B1B3DE

 B1B3DE

 9B9EDE

 C7C8DE

 8589DE

 DDDDE

 6E73DE

 F4F3DE

 585EDE

 FFFFDE

 4249DE

 2C34DE

 161FDE

 000ADE

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94BAE0



B1B3DE



CBACD1

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B1B3DE



DCAC96



88C2AF

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



B1B3DE



DEDCB1

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



9EBF9B



B1B3DE



CDB28C

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B1B3DE



E2A7A8



B7B98E



7AC2C4

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B1B3DE



D8A9C5



B7B98E



8FC1A7

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



B1B3DE



F0F0FF



B1DEDC



777780



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



B1B3DE



C2C5FF



C5B1DE



656570



0008B0



000230

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



DEB1B3



FFC2C5



CADEB1



706565



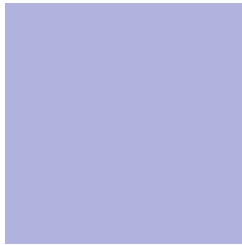
B00008



300002

Previews

White Background



This preview shows how the Hex color B1B3DE looks on a white background.

Color Contrast Check

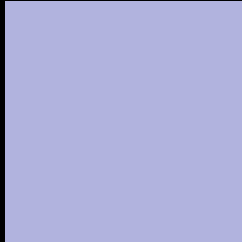
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color B1B3DE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

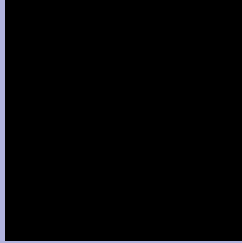
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B1B3DE Background



This preview shows how black text looks on a background with the Hex color B1B3DE.



This preview shows how white text looks on a background with the Hex color B1B3DE.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

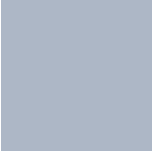
Dichromacy



Original Color
B1B3DE

Protanopia
ACB4DF

Deuteranopia
B4B2DE

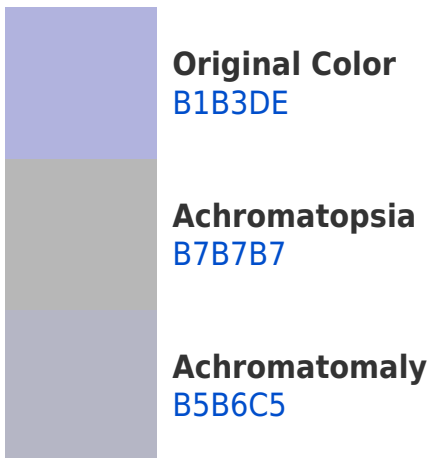


Tritanopia
ADB7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1B3DE is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #B1B3DE looks like.

```
.text, #text, p{  
    color:#B1B3DE  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #B1B3DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1B3DE }  
}
```

Border

The CSS property to change the border of an element to Hex B1B3DE is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #B1B3DE }  
}
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#B1B3DE }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #B1B3DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1B3DE; -webkit-box-shadow:4px 4px  
4px 4px #B1B3DE; box-shadow:4px 4px 4px  
4px #B1B3DE }
```

Background

The CSS property to change the background color of an element to Hex B1B3DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1B3DE }
```

If only the background color should be changed can be used:

```
.background{ background-color:#B1B3DE }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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